| Inde | x of | Clair | ns |  |
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|      |      |       |    |  |

| Application No. | Applicant(s)    |  |
|-----------------|-----------------|--|
| 10/638,155      | COWIN, LOUIS J. |  |
| Examiner        | Art Unit        |  |
| Bruce A. Lev    | 3634            |  |

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| Rejected                              | √ | Rejected |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
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|              | <del></del> | ,            |          |          |          |              |              |              |              | _        |   | -     | . 1      |                   | _        |                  |                 |          |  |                 | :.:.:1 |       |            |          |          |          |              |              |          |          | _ |
|--------------|-------------|--------------|----------|----------|----------|--------------|--------------|--------------|--------------|----------|---|-------|----------|-------------------|----------|------------------|-----------------|----------|--|-----------------|--------|-------|------------|----------|----------|----------|--------------|--------------|----------|----------|---|
| LCI          | aim         | -            | _        | ,        |          | Date         | e<br>T       |              |              |          |   | Cla   | aim      | г                 | -,-      | ī                | Date            | 1        | _  |                 |        | CI    | aim        |          | _        |          | Date         | <del>)</del> | —,       |          |   |
| Final        | Original    | S A PA       |          |          |          |              |              |              |              |          |   | Final | Original |                   |          |                  |                 |          |  |                 |        | Final | Original   |          |          |          |              |              |          |          |   |
|              | 1           | J            |          |          |          |              |              |              |              |          |   |       | 51       | T                 | _ -      |                  |                 | 1        | 1  |                 |        |       | 101        |          | $\vdash$ |          |              |              | _        |          |   |
|              | 2           | V            |          |          |          |              |              |              |              |          |   |       | 52       |                   |          |                  | П               |          | <del>                                     </del> |                 |        |       | 102        |          |          |          |              |              | $\dashv$ |          | _ |
|              | 3           | =            |          |          |          |              |              |              |              |          |   |       | 53       |                   |          |                  |                 |          |  |                 |        |       | 103        |          | Т        |          |              |              |          |          |   |
|              | 4           | <u>-</u>     |          |          |          |              | Π            |              |              |          |   |       | 54       |                   |          | 1                |                 |          |  |                 |        |       | 104        |          |          |          |              |              |          |          |   |
|              | 5           | Ξ            |          |          |          |              | Г            |              |              |          |   |       | 55       | $\neg$            |          |                  |                 |          |  |                 | - 11   |       | 105        |          | 1        |          |              |              |          |          |   |
|              | 6           | 5            |          |          |          |              |              |              |              |          |   |       | 56       |                   | 1        | 1                |                 |          |  |                 |        |       | 106        |          |          |          |              |              |          |          |   |
|              | 7           | =            |          |          |          | T            |              |              |              |          |   |       | 57       |                   |          | $\top$           |                 |          |  |                 |        |       | 107        |          |          | -        |              |              |          |          |   |
|              | 8           | 5            |          |          |          | Π            |              |              |              |          |   |       | 58       |                   |          |                  |                 |          |  |                 |        |       | 108        |          |          |          |              |              |          |          |   |
|              | 9           | V            |          |          |          |              |              |              |              |          |   |       | 59       |                   |          |                  |                 |          | T  |                 | 1310   |       | 109        |          |          |          |              |              |          |          |   |
|              | 10          | レ            |          |          |          | Γ            | Γ            |              |              |          |   |       | 60       |                   | T        | 7                |                 |          |  |                 | 1      |       | 110        |          |          |          |              |              |          |          | П |
|              | 11          | Ŏ            |          |          |          | $\Box$       |              |              |              |          |   |       | 61       |                   |          | $\mathbb{I}^{-}$ |                 |          | $oxed{oxed}$                                     |                 |        |       | 111        |          | $\Box$   |          |              |              |          |          |   |
|              | 12          | =            |          |          |          |              |              |              |              |          |   |       | 62       | $\Box \mathbb{I}$ |          |                  |                 |          |  |                 |        |       | 112        |          |          |          |              |              |          |          |   |
|              | 13          | 1            |          |          |          |              | L            |              | <u> </u>     |          |   |       | 63       |                   |          |                  |                 |          |  |                 |        |       | 113        |          |          |          |              |              |          |          |   |
|              | 14          | V            |          |          |          | <u></u>      | <u> </u>     | L            | <u> </u>     |          |   |       | 64       |                   |          |                  | Ш               |          |  | Ш               |        |       | 114        |          | L        |          |              |              |          |          |   |
|              | 15          | 1            |          |          |          |              |              | <u> </u>     |              |          |   |       | 65       |                   |          |                  |                 |          |  |                 | Ш      |       | 115        |          |          |          |              |              |          |          |   |
|              | 16          | =            |          |          |          |              |              | L            |              | Ш        |   |       | 66       |                   |          |                  | Ш               |          |  |                 |        |       | 116        |          |          |          |              |              |          |          |   |
|              | 17          | 2            |          |          |          |              |              | L            |              |          |   |       | 67       |                   | $\perp$  |                  |                 |          |  |                 |        |       | 117        |          |          |          |              |              |          |          |   |
|              | 18          | =            |          |          |          | L            |              |              |              |          |   |       | 68       |                   |          |                  |                 |          |  |                 |        |       | 118        |          |          |          |              |              |          |          |   |
|              | 19          | 1            |          |          |          |              | Ŀ            | L            |              |          |   |       | 69       |                   | $\perp$  |                  |                 |          |  | Ш               |        |       | 119        |          |          |          |              |              |          |          |   |
|              | 20          | =            |          |          |          |              |              |              | L            |          |   |       | 70       |                   |          |                  |                 |          |  |                 |        |       | 120        |          |          |          |              |              |          |          |   |
|              | 21          |              |          |          |          | <u> </u>     | L            | _            | _            |          | 8 |       | 71       |                   |          |                  |                 |          |  |                 |        |       | 121        |          |          |          |              |              |          |          |   |
|              | 22          |              |          |          | _        |              |              | _            |              |          |   |       | 72       |                   |          |                  |                 |          |  | Ш               |        |       | 122        |          |          |          |              |              |          |          |   |
|              | 23          | L            |          |          | <u> </u> | <u> </u>     |              |              |              |          |   |       | 73       |                   |          |                  |                 |          |  | Ш               |        |       | 123        |          |          |          |              |              |          |          |   |
|              | 24          | _            |          |          | ļ        | _            | <u> </u>     | _            | _            |          |   |       | 74       |                   |          |                  |                 | _        |  | Ш               |        |       | 124        |          |          |          |              |              |          |          |   |
|              | 25          | _            |          |          | L        |              |              | _            |              | Щ        |   |       | 75       |                   |          |                  |                 |          | <b>-</b>   |                 |        |       | 125        |          |          |          |              |              |          |          |   |
|              | 26          | L.           |          |          | <u> </u> | <u> </u>     |              | _            |              | Ш        |   |       | 76       |                   | Щ.       | ↓_               |                 |          | $\perp$  | Ш               |        |       | 126        |          |          | _        | L            | Ш            |          |          |   |
|              | 27          |              |          | _        | _        | _            | <u> </u>     | L            |              |          |   |       | 77       |                   |          | _                |                 |          |  | Ш               |        |       | 127        |          |          |          |              |              |          |          | _ |
|              | 28          | L            |          |          |          |              |              |              |              |          |   |       | 78       |                   | _ _      |                  |                 |          | <u> </u>   |                 |        |       | 128        |          | <u>.</u> |          |              |              |          |          |   |
|              | 29          | _            |          | _        | <u> </u> |              | L            | _            | _            | Ш        |   |       | 79       |                   |          |                  |                 | _        | _  |                 |        |       | 129        |          |          |          |              |              |          |          | _ |
|              | 30          | _            |          |          | <u> </u> | ┕            | <u> </u>     |              | _            | L        |   |       | 80       |                   |          | 4_               |                 |          | 4_   | Ш               | 41     |       | 130        |          |          | _        | _            |              |          | _        | _ |
|              | 31          | _            | _        |          | <u> </u> | ļ            |              | <u> </u>     | ļ            |          |   |       | 81       |                   |          | _                | $\sqcup$        |          | 4_   | Ш               |        |       | 131        |          |          |          |              |              |          |          |   |
|              | 32          | _            |          | _        | _        | ┡            | ┡            | _            | _            | Ш        |   |       | 82       |                   |          | _                |                 |          | -  | $\sqcup$        |        |       | 132        |          | <u> </u> |          |              | Ш            |          |          |   |
|              | 33          | <u> </u>     | _        | _        | <u> </u> | <u> </u>     | <u> </u>     | _            | <u> </u>     | Щ        |   |       | 83       |                   | _        | 4_               | Ш               | _ _      | 4_   | $\sqcup$        | 9      |       | 133        |          | <u> </u> | L.,      | L.           | Ш            |          |          | _ |
| <u> </u>     | 34          |              |          |          | ļ        | <del> </del> | <del> </del> | _            | <u> </u>     |          |   |       | 84       | _                 | -        | 4                | $\sqcup$        |          | <u> </u>   | $\sqcup$        |        |       | 134        |          | <u> </u> | Щ        | L            |              |          | _        | _ |
| ļ            | 35          | <u> </u>     | <u> </u> |          | _        | ⊢            | ├-           | <u> </u>     | ├            |          |   |       | 85       | _                 | $\dashv$ | +-               |                 | _ -      | +-   | $\sqcup$        |        |       | 135        |          | ļ        | L        | L            | Ш            |          |          | _ |
| <del> </del> | 36          | ⊢            | <u> </u> | $\vdash$ | _        | $\vdash$     | ├            | <del> </del> | ├-           | $\vdash$ |   |       | 86       | $\dashv$          | +        | +                | $\vdash$        |          | -  |                 |        |       | 136        |          |          | <u> </u> | <u> </u>     |              |          |          |   |
| <u> </u>     | 37          |              |          |          | -        |              | <del> </del> | -            | <u> </u>     | Н        |   |       | 87       | _                 | - -      | +                | $\vdash \vdash$ | +        |  | $\vdash \vdash$ |        |       | 137        | $\dashv$ | <u> </u> | L        | _            | Ш            |          | $\dashv$ | _ |
|              | 38          | <del> </del> | <u> </u> | -        | -        | ┢            | -            | -            | <u> </u>     |          |   |       | 88       | -                 | +        | +                | $\vdash$        |          | -  | $\vdash$        |        |       | 138        |          | -        | $\vdash$ |              |              |          | _        | - |
| <u> </u>     | 39<br>40    | -            |          |          | $\vdash$ | ├            | ├            | -            | ├-           | Н        |   |       | 89<br>90 |                   |          | +                | $\vdash$        |          | +  | $\vdash \vdash$ |        |       | 139        | $\perp$  | -        |          | _            | $\vdash$     | _        | _        | - |
| <u> </u>     |             |              | -        |          | -        | $\vdash$     | $\vdash$     | -            | <del> </del> |          |   |       |          | +                 |          | +-               | $\vdash$        |          | +  | $\vdash$        |        |       | 140        | _ _      | -        | $\vdash$ | L            |              |          |          |   |
| <u> </u>     | 41          | <del> </del> | <u> </u> | $\vdash$ | <u> </u> | $\vdash$     | ₩            | -            | <del> </del> | Н        |   | ļ     | 91       | +                 | +        |                  | $\vdash$        | $\dashv$ | +-   | $\vdash \vdash$ |        |       | 141        |          |          | $\vdash$ | <u> </u>     | $\vdash$     | _        | -        | - |
|              | 42<br>43    | -            | <u> </u> |          | -        | ╁            | $\vdash$     | $\vdash$     | ⊢            | $\vdash$ |   |       | 92<br>93 | +                 | +        | +-               | $\vdash \vdash$ |          | +  | ┝╾┥             |        |       | 142        |          | ┼        | <u> </u> | <u> </u>     | $\vdash$     |          | $\dashv$ | - |
| <u> </u>     | 44          | $\vdash$     | <u> </u> | $\vdash$ | $\vdash$ | ├            | ┼            | -            |              | -        |   |       | 93       | -+                |          | +                | $\vdash$        |          | +-   | $\vdash\vdash$  |        |       | 143        | -        | $\vdash$ | $\vdash$ | <u> </u>     |              |          | -        | - |
|              | 45          |              |          |          |          | ╁            | ├            | $\vdash$     | $\vdash$     | Н        |   |       | 95       | $\dashv$          | +-       | +                | H               | +        | +  | $\vdash \vdash$ |        |       | 144<br>145 | $\dashv$ | ├        | -        | _            | $\vdash$     |          | $\dashv$ |   |
| <del> </del> | 46          | $\vdash$     | <u> </u> | $\vdash$ | -        | ┼            | +            | -            |              | $\vdash$ |   |       | 96       |                   | $\dashv$ | +                | $\vdash$        |          | +-   | $\vdash\vdash$  |        |       | 145        |          |          | $\vdash$ | _            | $\vdash$     | _        | -        | - |
|              | 47          | -            |          | $\vdash$ | -        | $\vdash$     | $\vdash$     |              | $\vdash$     | Н        |   | -     | 97       | +                 |          | +-               | $\vdash$        | +        | +-   | ┼╌┤             |        |       | 146        |          | ├—       | -        | -            | -            |          |          | - |
|              | 48          | $\vdash$     | $\vdash$ |          | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ |   |       | 98       | +                 |          | +                |                 |          | +  | $\vdash \vdash$ |        |       | 147        | +        | $\vdash$ | $\vdash$ | $\vdash$     | H            |          | -        | - |
|              | 49          | $\vdash$     | _        |          | $\vdash$ | $\vdash$     | $^{\dagger}$ | $\vdash$     | $\vdash$     | $\vdash$ |   |       | 99       |                   | +        | +-               | $\vdash$        |          | +  | Н               |        |       | 149        | $\dashv$ | -        | -        | <del> </del> | $\vdash$     |          |          |   |
| <b>-</b>     | 50          |              |          |          | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$     | $\vdash$ |   |       | 100      | +                 | +        | +-               | $\vdash$        | +        | +  | $\vdash$        |        |       | 150        | +        | $\vdash$ | -        | -            | $\vdash$     |          | -        |   |
|              |             |              |          |          |          |              |              |              |              |          |   |       |          |                   |          |                  |                 |          |  |                 |        |       |            |          |          |          |              |              |          |          |   |